

# Subhash C Mehrotra

## List of Publications by Year in descending order

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54  
papers

1,471  
citations

218677

26  
h-index

330143

37  
g-index

55  
all docs

55  
docs citations

55  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric behaviour of propylene glycol-water mixtures studied by time domain reflectometry. <i>Molecular Physics</i> , 2001, 99, 1805-1812.	1.7	75
2	Temperature- and frequency-dependent dielectric studies of p-fluorophenylacetonitrile-methanol mixtures using time-domain reflectometry. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 623-626.	1.7	54
3	Title is missing!. <i>Journal of Solution Chemistry</i> , 1999, 28, 1031-1043.	1.2	54
4	Density, Refractive Index, and Speed of Sound in Binary Mixtures of 2-Ethoxyethanol with Dimethyl Sulfoxide, N,N-Dimethylformamide, N-Dimethylacetamide at Different Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 1997, 42, 301-303.	1.9	53
5	Static Dielectric Constant and Relaxation Time Measurements on Binary Mixtures of Dimethyl Sulfoxide with Ethanol, 2-Ethoxyethanol, and Propan-1-ol at 293, 303, 313, and 323 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1999, 44, 879-881.	1.9	53
6	Dielectric studies on binary mixtures of ester with alcohol using time domain reflectometry. <i>Journal of Molecular Liquids</i> , 2007, 133, 139-145.	4.9	53
7	Dielectric relaxation study of mixtures of 1-propanol with aniline, 2-chloroaniline and 3-chloroaniline at different temperatures using time domain reflectometry. <i>Journal of Molecular Liquids</i> , 2003, 102, 379-391.	4.9	51
8	Dielectric Measurements of Aniline and Alcohol Mixtures at 283, 293, 303, and 313 K Using the Time Domain Technique. <i>Journal of Chemical &amp; Engineering Data</i> , 1999, 44, 875-878.	1.9	49
9	Dielectric Relaxation in Ethylene Glycol - Dimethyl Sulfoxide Mixtures as a Function of Composition and Temperature. <i>Journal of the Korean Chemical Society</i> , 2012, 56, 416-423.	0.2	49
10	Dielectric study of methanol-ethanol mixtures using TDR method. <i>Journal of Molecular Liquids</i> , 2008, 141, 47-53.	4.9	47
11	Dielectric properties for the binary mixture of dimethylsulphoxide and dimethylacetamide with 2-nitrotoluene at microwave frequencies. <i>Fluid Phase Equilibria</i> , 2002, 201, 107-118.	2.5	43
12	Temperature dependent dielectric relaxation study of tetrahydrofuran in methanol and ethanol at microwave frequency using time domain technique. <i>Journal of Molecular Liquids</i> , 1999, 82, 245-253.	4.9	42
13	Temperature dependent dielectric study of n-nitriles in methanol using time domain reflectometry. <i>Journal of Molecular Liquids</i> , 2000, 84, 235-244.	4.9	40
14	Dielectric Properties of Ethyleneglycol-1,4-Dioxane Mixtures Using TDR Method. <i>Journal of Physical Chemistry A</i> , 2007, 111, 2993-2998.	2.5	38
15	Complex Permittivity Spectra of Binary Pyridine-Amide Mixtures Using Time-Domain Reflectometry. <i>Journal of Solution Chemistry</i> , 1998, 27, 993-1008.	1.2	35
16	Dielectric relaxation study of chlorobenzene-dimethylformamide mixtures using time domain reflectometry. <i>Journal of Molecular Liquids</i> , 2002, 95, 63-74.	4.9	35
17	Structural Behavior of Alcohol-1,4-Dioxane Mixtures through Dielectric Properties Using TDR. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10196-10201.	2.5	34
18	Rapid capture of large amplitude motions in 2,6-difluorophenol: High-resolution fast-passage FT-MW technique. <i>Journal of Molecular Spectroscopy</i> , 2012, 280, 54-60.	1.2	34

#	ARTICLE	IF	CITATIONS
19	Microwave Dielectric Characterization of Binary Mixtures of 3-Nitrotoluene with Dimethylacetamide, Dimethylformamide and Dimethylsulphoxide. Bulletin of the Korean Chemical Society, 2004, 25, 1403-1407.	1.9	34
20	Title is missing!. Journal of Solution Chemistry, 2002, 31, 577-588.	1.2	33
21	Dielectric study of butyl methacrylate-alcohol mixtures by time-domain reflectometry. Physica B: Condensed Matter, 2007, 387, 203-207.	2.7	33
22	Study of solute-solvent interaction through dielectrics properties of N,N-dimethylacetamide in ethanolamine. Journal of Molecular Liquids, 2008, 137, 147-151.	4.9	32
23	The study of dielectric relaxation in propylene glycol-poly(propylene glycol) mixtures. Polymer, 2002, 43, 1467-1471.	3.8	31
24	Title is missing!. Journal of Solution Chemistry, 2002, 31, 559-576.	1.2	30
25	Study of hydrogen bonding and thermodynamic behavior in water-1,4-dioxane mixture using time domain reflectometry. Physica B: Condensed Matter, 2013, 421, 1-7.	2.7	28
26	Dielectric relaxation study of pyridine-alcohol mixtures using time domain reflectometry. Molecular Physics, 2002, 100, 3907-3913.	1.7	27
27	Dielectric relaxation study of chlorobenzene with formamide at microwave frequency using time domain reflectometry. Journal of Molecular Liquids, 2004, 115, 17-22.	4.9	27
28	Dielectric Study of Methyl Acrylate-Alcohol Mixtures Using Time Domain Reflectometry. Bulletin of the Korean Chemical Society, 2006, 27, 2040-2044.	1.9	25
29	Dielectric relaxation study of mixtures of alkyl methacrylates and 1-alcohols using time-domain reflectometry. Philosophical Magazine Letters, 2006, 86, 291-300.	1.2	24
30	Dielectric relaxation study of dimethylene chloride with ethanol using time domain reflectometry. Journal of Molecular Liquids, 2003, 108, 95-105.	4.9	23
31	The dielectric relaxation study of 2(2-alkoxyethoxy)ethanol-water mixtures using time domain reflectometry. Journal of Molecular Liquids, 2011, 163, 70-76.	4.9	23
32	Dynamic structure of poly(vinyl pyrrolidone)/ethyl alcohol mixtures studied by time domain reflectometry. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1134-1143.	2.1	22
33	Temperature-dependent dielectric relaxation study of chlorobenzene with n-methylformamide from 10 MHz to 20 GHz. Journal of Molecular Liquids, 2005, 121, 88-93.	4.9	21
34	Dielectric relaxation and hydrogen bond interaction study of diol-water mixtures. Indian Journal of Physics, 2010, 84, 419-429.	1.8	21
35	Dielectric studies of alkyl acrylates with primary alcohols using time domain reflectometry. Molecular Physics, 2006, 104, 2835-2840.	1.7	19
36	Dielectric Relaxation in Glycine-Water and Glycine-Ethanol-Water Solutions Using Time Domain Reflectometry. Journal of Solution Chemistry, 2004, 33, 313-322.	1.2	18

#	ARTICLE	IF	CITATIONS
37	Interaction studies on the binary mixture of formamide with 2-butoxyethanol, 2-ethyl-1-hexanol, and isopropanol at 303ÅK. Main Group Chemistry, 2009, 8, 61-69.	0.8	18
38	Feature extraction using fusion MFCC for continuous marathi speech recognition. , 2011, , .		17
39	Temperature-dependent dielectric characterisation and molecular interaction behaviour in binary mixtures of dimethylacetamide with ethylene glycol and dimethylsulphoxide. Physics and Chemistry of Liquids, 2012, 50, 637-651.	1.2	17
40	Dielectric relaxation studies of formamide-alcohol mixtures using time domain reflectometry. Main Group Chemistry, 2005, 4, 303-308.	0.8	16
41	Temperature dependent dielectric relaxation study of acetonitrile with chlorobenzene at microwave frequency using time domain reflectometry. Journal of Molecular Liquids, 2007, 133, 116-119.	4.9	15
42	Dielectric Study of Aqueous Solutions of Alanine and Phenylalanine. Journal of the Chinese Chemical Society, 2005, 52, 5-10.	1.4	14
43	Dielectric relaxation study of soluteâ€solvent interaction between dimethylene chloride and dimethylformamide using time domain reflectometry. Journal of Molecular Liquids, 2010, 155, 16-19.	4.9	13
44	Dielectric relaxation of binary mixtures of alcohols with acrylic esters. Journal of Applied Polymer Science, 2008, 107, 2312-2316.	2.6	12
45	Creation of Marathi speech corpus for automatic speech recognition. , 2013, , .		11
46	Temperature Dependent Dielectric Relaxation in Solvent Mixtures at Microwave Frequencies. Journal of the Chinese Chemical Society, 2002, 49, 489-494.	1.4	9
47	Microwave Dielectric Behaviour of 1,2â€Propanediolâ€Water Mixture Studied Using Time Domain Reflectometry Technique. Journal of the Chinese Chemical Society, 2007, 54, 1457-1462.	1.4	9
48	Dielectric Study of Allyl Chloride with 2-Pentanone and 2-Hexanone in Microwave Frequency Range. Bulletin of the Korean Chemical Society, 2012, 33, 3423-3426.	1.9	6
49	Land use land cover change detection by different supervised classifiers on LISS-III temporal datasets. , 2017, , .		2
50	Reckoning of Photosynthetic Pigments Using Remotely Sensed Spectral Responses of Vigna Radiata Crop for Surge Monitoring. Lecture Notes in Networks and Systems, 2019, , 717-726.	0.7	1
51	Design and Development of Marathi Speech Interface System. Advances in Intelligent Systems and Computing, 2016, , 3-20.	0.6	1
52	Mood Recognition System Using EEG Signal of Song Induced Activities. Intelligent Systems Reference Library, 2015, , 337-374.	1.2	0
53	Spectroscopic Characterization of Binary Polar Liquid Mixtures Containing Amino or Sulfoxide Group and Hydroxyl Group. , 2017, , 73-164.		0
54	Molecular Interaction in Associating and Nonassociating Polar Liquids. , 2017, , 249-331.		0